

YINGYING (SYLVIA) WANG

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EDUCATION

University of British Columbia September 2019 – May 2024

- Bachelor of Commerce – Combined Major in Business and Computer Science
- Recipient of IMES (International Major Entrance Scholarships) award at UBC (entrance scholarship of \$80,000 CAD)
- Recipient of Trek Excellence Scholarship at UBC (top 5%-10% of the faculty)
- Cumulative average 84% (Dean's Honor Roll)

TECHNICAL SKILLS

Programming Language: Java, JavaScript, R, C++, C

Technologies: Git, JUnit, JSwing, HTML, CSS, WordPress, Drupal, Node.js, SQL, React.js*

Other: MATLAB, VBA Excel

(* currently acquiring)

WORK EXPERIENCE

Web & Communications Assistant May 2021 – Present

Department of Civil Engineering, UBC

- Created a new website for the graduating Class of 2021 (<https://graduation.civil.ubc.ca/>)
- Make corrections and updates to department web pages and professors' research websites, assist in developing a new external-facing website
- Curate content for and distribute the undergraduate and graduate student weekly e-newsletters, blog, as well as monitor and contribute to articles for the department's website and social media channels

Tutor September 2018 – January 2019

Kunming, China

- Elevated elementary and high school students' math performance by at least one letter grade on average and improved test scores by up to 20%
- Explored and developed a set of measures to enhance the learning of the students based on students' needs and interests (i.e., mind maps, flipped classroom)

EXTRA-CURRICULAR EXPERIENCE

Web Designer May 2021 – Present

Canadian Peer Support Network

- Design and optimize UI elements and tools such as navigation menus, search boxes, tabs, and widgets for the CPSN website based on user feedback by writing customized CSS and JavaScript
- Create a French version of the website on WordPress and allow users to contact certain founders

IT Associate May 2021 – Present

UBC BizChina

- Design and regularly update and maintain the club's website using Wix
- Collaborate with other departments on video-editing, sponsorship package design projects to ensure content accuracy and club branding

VP Internal March 2021 – Present



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UBC STEM Fellowship

- Plan and assist in organizing club activities with club executives
- Serve as a liaison between club members and the executive team

IMES Small Group Leader

September 2020 – April 2021

UBC International Major Entrance Scholarships Community

- Helped 1st-year students in the group transition to university by facilitating monthly group meetings and supporting group members in personal growth development throughout the school year
- Developed teamwork, leadership, communication, and engagement skills by acting as the main liaison between the group and the IMES Community team

PROJECTS

- *Laundry Helper* July 2020
 - Created a java-based GUI desktop application that enables users to view and manage laundry machine availability and laundry card balance
 - Implemented a user interactive front-end GUI with JavaSwing library
 - Achieved a code coverage of 100% through testing with JUnit to maintain control flow
- *To-do List* March 2021
 - Created a React web application using HTML, CSS, JavaScript, JSON API that enables users to manage their to-do lists
 - Implemented dynamic routing using react-router-dom
- *Personal Portfolio Website (<https://sylvia830.github.io/>)* February 2021
 - Created a responsive website with HTML, CSS, and JavaScript that visually implements the resume
 - Enabled users to send messages to my mailbox through the website using Google Script
- *Vehicle Rental Service* May 2021 – June 2021
 - Created a full database web application using PHP, HTML, CSS and Oracle database system that models the functionalities of a vehicle rental service company
 - Created SQL queries to achieve the functionalities
 - Designed ERD, relational schema and normalized the tables to BCNF to reduce data redundancy and improve data integrity

